



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

## Department of Administrative Services

KIMBERLY K. HOOD  
Executive Director

### Division of Facilities Construction and Management

DAVID G. BUXTON  
Director

## ADDENDUM No. 2

Date: June 23, 2008

To: Contractors

From: Mike Ambre, Project Manager, DFCM

Reference: Student Center Addition  
Utah Valley State College - Orem, Utah  
DFCM Project No: 08217790

Subject: **Addendum No. 2**

Pages	Addendum Cover Sheet	1 page
	<u>Architect's Addendum</u>	<u>8 pages</u>
	Total	9 pages

***Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.***

**While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.**

- 1.1 **SCHEDULE CHANGES** – No changes to Project Schedule.
- 1.2 **GENERAL ITEMS** – Specifications and Drawings from Axis Architects.

June 20, 2008

## ADDENDUM - 2

Project: UVSC Student center addition  
DFCM Project Number: 08217790  
Axis Project Number: 0721

To: Mike Ambre

From: Pierre Langue  
Axis Architects LLC

### Schedule:

- 1.1 All work related to the dock has to be finished prior to August 15<sup>th</sup>

### Drawings:

- 2.1 GI101: Replace Sheet GI101 with the attached Revised Sheet GI101 which indicates expected Fire Sprinkler Submittal Date and UL Listings for Roof Assemblies.
- 2.2 AE101: Change note " new walk-in freezer..." to read: "New walk-in freezer furnished and installed by owner. Provide power connection". See attached electrical drawing.
- 2.3 AE102: Add attached drawing C5/AE102. This detail applies to the two existing double beams shown on roof plan (A4/ AE102) where detail C1/AE102 is also called out. It should also be installed vertically between the 2 columns between 10'-0" AFF and 15'-0" AFF.
- 2.4 AE201 & AE301: Raise the foundation wall 8 inches; such that the foundation wall shall always occur 8 inches above the adjacent grade. The grade shall slope away from the foundation wall at two percent. See Also the attached Revised Sheet AE601.
- 2.5 AE601: Replace Sheet AE601 with the attached Revised Sheet AE601. Detail C4/AE601 has been modified to show a 1/2 inch drip leg on the flashing. All flashing with a drip leg shall have a 1/2 inch minimum drip leg as indicated here; see Details C1/AE102, C3/AE102, C4/AE102, B1/AE102 as well.
- 2.5 SE101: Drawing S1/SE101 – Add Plan Note:
  5. At footing FC2, provide documentation from a qualified testing agency to verify that soils provided at least 1500 p.s.f. of bearing capacity. If soils don't provide 1500 p.s.f. of bearing capacity, provide structural fill at 4 feet wide by 2 feet deep continuous at footing FC2. Provide an allowance in the bid for this structural fill, to be credited to the owner if it is not required.

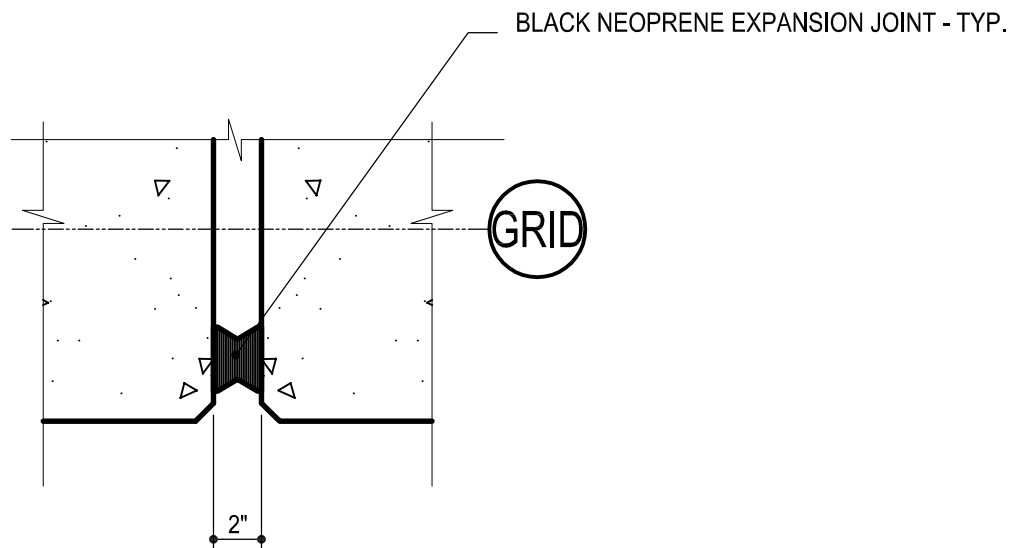
- 2.6 SE301: Drawing 3/SE301 – “1/2” Plywood Sheathing (32/16) Structural No. 2” indicated shall be Fire Retardant Treated. This shall apply to any and all wood sheathing indicated for use in the project.
- 2.7 MH101:
1. Locate smoke damper 24x12 as indicated in the attached Mechanical Addendum sheet.
  2. Rooftop Mechanical equipment shall be located a minimum of 10 feet away from the roof edge. See Sheet AE102.
- 2.8 Electrical Addendum: See the attached Electrical Addendum.

**Attachments:**

Sheet GI101  
Sheet AE601  
Detail C5/AE102  
Mechanical Addendum  
Electrical Addendum

Note: This addendum shall be part of the construction documents. Items in this addendum apply to all drawing and specification sections whether referenced or not involving the portion of the work added, deleted, modified or otherwise addressed in the addendum. Acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject the bidder to disqualification.

End of Addendum



C5

ADD 1- C5/ AE102  
EXPANSION JOINT DETAIL

SCALE: N.T.S.

## ADDENDUM

**DATE:** 18 June 2008

**PROJECT NO:** 8204

**PROJECT:** UVU Student Center Addition

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### DIVISION - 15

#### DRAWINGS

##### SHEET - MH101

1. Provide and install smoke damper in 24x12 transfer between Hallway 101 and Storage 102. Coordinate power supply to damper actuator and tie in to smoke alarm system with Division 26.

Document2

**SALT LAKE CITY**  
330 South 300 East  
Salt Lake City, Utah 84111  
801.530.3148 • Fax 801.530.3150

**ST. GEORGE**  
1070 W. 1600 S. Suite #104  
St. George, Utah 84790  
435.674.4800 • Fax 435.674.2708

**PHOENIX**  
1620 W. Fountainhead Pkwy. #308  
Tempe, Arizona 85282  
480.889.5075 • Fax 480.889.5076

**LOGAN**  
40 West Cache Valley Blvd., Bldg. 1, Ste. B  
Logan, Utah 84341  
435.752.5081 • Fax 435.752.0335

**POCATELLO**  
811 W. Cedar Street  
Pocatello, ID 83201  
208.478.4613 • Fax 208.478-4617

# Memorandum

To: Boyd Viehweg  
Axis Architects

From: Elaine Fawson

Date: June 20, 2008

Re: UVSC Student Center Addition

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Please issue the following items in an addendum:

## **PRIOR APPROVAL OF MANUFACTURERS OF ELECTRICAL EQUIPMENT**

The following items, trade names, products and manufacturers are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of drawings, specifications and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the Owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved, either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for submittals.

### **LIGHT FIXTURES:**

Type A – Columbia  
Type B – Columbia  
Type X1 – Duallite

### **DRAWINGS:**

1. Remove existing hid cylinder lights on the exterior of the building in the area of new construction, and return to the Owner. Remove wiring back to first active light. Provide all work required so that existing lights on same circuit (or in same conduit) shall remain in service.
2. Remove existing exit light at existing double doors which now enter into center classroom.
3. Connect (1) light in each classroom located adjacent to the door into the hallway emergency lighting circuit.
4. The (2) new horn/strobes shall be 75 candela.
5. Circuit the new walk in cooler compressor and evaporator (Located in the new storage room 102) to a new 50 amp 2 pole circuit breaker in panel L1C. Circuit with 3 #8, 1 #10, 1" conduit. Provide a separate fused disconnect switch for the compressor and for the evaporator and size fuses per manufacturer's recommendations.

BNA Consulting, Inc.  
635 South State Street  
Salt Lake City, Utah 84111  
P 801.532.2196  
F 801.532.2305

6. Circuit the new walk in cooler lights and door heater to a new 20 amp 1 pole circuit breaker in existing Panel L1C with 2 #12, 1 #12 ground, ¾" conduit.
7. Delete new convenience outlet in the storage room which is behind the new walk-in cooler.
8. Provide a 120/24 volt relay and connect the new smoke/fire damper into the existing fire alarm system. Circuit the relay to a new 20 amp 1 pole circuit breaker in existing Panel L1C with 2 #12, 1 #12 ground, ¾" conduit.

CODE ANALYSIS

APPLICABLE CODES

Year	Year
International Building Code	2006
International Mechanical Code	2006
International Fuel Gas Code	2006
International Plumbing Code	2006
International Fire Code	2006
International Energy Conservation Code	2006
National Electrical Code	2005
Uniform Code for Building Conservation	
ADA Accessibility Guidelines	ICC/ANSI 117.1 2003

A. Occupancy and Group: UNLIMITED - COVERED MALL BUILDING

Change in Use: Yes ☒ No ☐ Mixed Occupancy: Yes ☒ No ☐

Special Use and Occupancy (e.g. High Rise, Covered Mall): COVERED MALL BUILDING

B. Seismic Design Category: D Design Wind Speed: 90 mph

C. Type of Construction (circle one):

II B

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: EXISTING South: EXISTING East: EXISTING West: EXISTING

E. Mixed Occupancies: ☒ Nonseparated Uses: 0

F. Sprinklers:

Required: ☒ Provided: ☒

Type of Sprinkler System (IBC 903.3.1) NFPA 13

G. Number of Stories: 3 Building Height: 34'

H. Actual Area per Floor (square feet): ADDITION 1800 SF

I. Tabular Area: (table 503): N/A - UNLIMITED - COVERED MALL BUILDING

J. Area Modifications:

a)  $A_a = \left\{ A_t + \left[ A_t \times I_f \right] + \left[ A_t \times I_s \right] \right\} \quad I_f = \left[ F/P - 0.25 \right] W / 30$

b) Sum of the Ratio Calculations for Mixed Occupancies:

$$\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$$

c) Total Allowable Area for:

- One Story:
- Two Story: A<sub>a</sub>(2)
- Three Story: A<sub>a</sub>(3)

d) Unlimited Area Building: Yes ☒ No ☐ Code Section: 402

K. Fire Resistance Rating Requirements for Building Elements (hours).

Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Exterior Bearing Walls	0		Floors - Ceiling Floors	0	
Interior Bearing Walls	0		Roofs - Ceiling Roofs	0	
Exterior Non-Bearing Walls	0		Exterior Doors and Windows	0	
Structural Frame	0		Shaft Enclosures	1 Hr.	
Partitions - Permanent	N/A		Fire Walls	N/A	
Fire Barriers	N/A		Fire Partitions	N/A	
			Smoke Partitions	N/A	

L. Design Occupant Load: EXIST. BLDG: 620 ADDITION: 26 (24, STUDIO + 2, STORAGE)

Exit Width Required: 160" EXIST. 3.5' ADDED Exit Width Provided: 192"

M. Minimum Number of Required Plumbing Facilities:

- Water Closets - Required (m) 18 (f) 18 Provided (m) 20 (f) 20
- Urinals - Required (m)          (f)          Provided (m)          (f)
- Lavatories - Required (m) 9 (f) 9 Provided (m) 9 (f) 9
- Bath Tubs or Showers: 0
- Drinking Fountains: 3 Service Sinks: 2

FOOTNOTES:

- In case of conflict with the U.S. Department of Justice Federal Registers Parts I through V - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
  - High Rise Requirements.
  - Atriums.
  - Performance Based Criteria.
  - Means or Egress Analysis.
  - Fire Assembly Locator Sheet.
  - Exterior and Interior Accessibility Route.
  - Fire Stopping, Including Tested Design Number.

THE DEFERRED SUBMITTAL FOR FIRE SPRINKLERS IS ANTICIPATED TO BE SUBMITTED FOR REVIEW TO THE BUILDING OFFICIAL AND FIRE MARSHALL ON OR AROUND AUGUST 01, 2008.

PROJECT TEAM

**OWNER:**  
DFCM  
Mike Ambre  
Project Manager  
4110 State Office Bldg.  
Salt Lake City, Utah 84114  
phone (801) 537-9210

**USER:**  
UVSC  
James L. Michaelis  
Associate Vice President  
Facilities Planning  
800 West University Parkway  
Orem, Utah 84058-5999  
phone (801) 963-8776

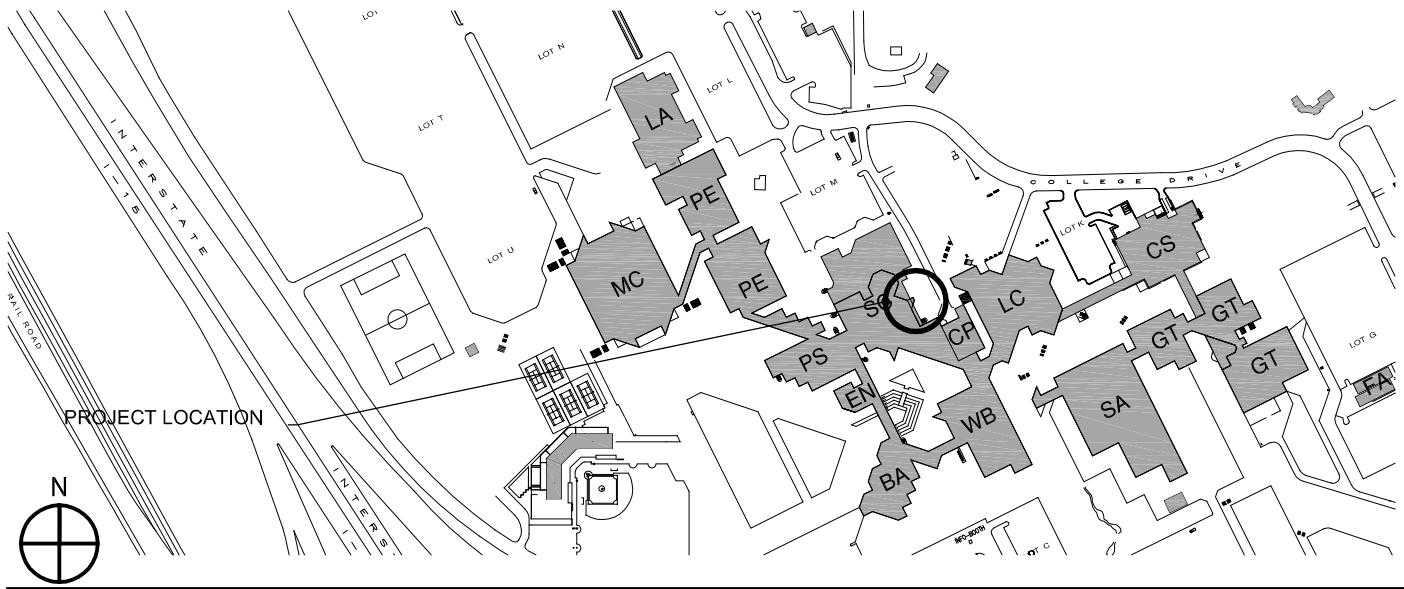
**ARCHITECT:**  
AXIS ARCHITECTS  
Pierre O. Langue AIA  
352 S. Denver St.  
Salt Lake City, UT 84111  
phone (801) 355-3003  
fax (801) 355-0113

**STRUCTURAL:**  
Bsumek Mu  
Reinhardt Bsumek  
345 South 400 East  
Salt Lake City, Utah 84111  
phone (801) 575-8223  
fax (801) 532-3778

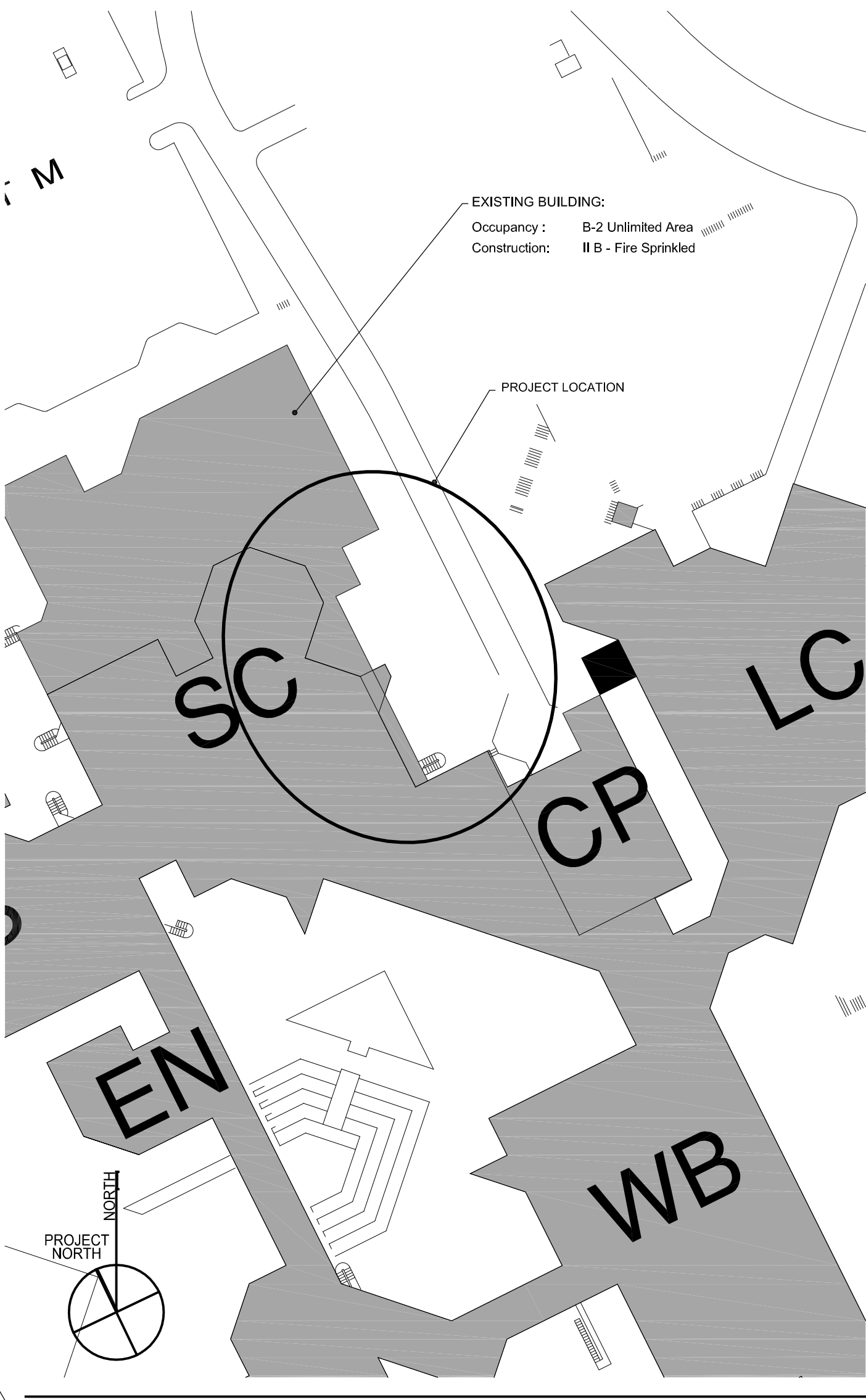
**MECHANICAL:**  
Van Boerum & Frank  
Wade Bennion  
330 South 300 East  
Salt Lake City, Utah 84111  
phone (801) 350-3150  
fax (801) 674-8617

**ELECTRICAL:**  
BNA Consulting  
Elaine Fawson  
635 S. State Street  
Salt Lake City, Utah 84111  
phone (801) 355-3003  
fax (801) 355-8578

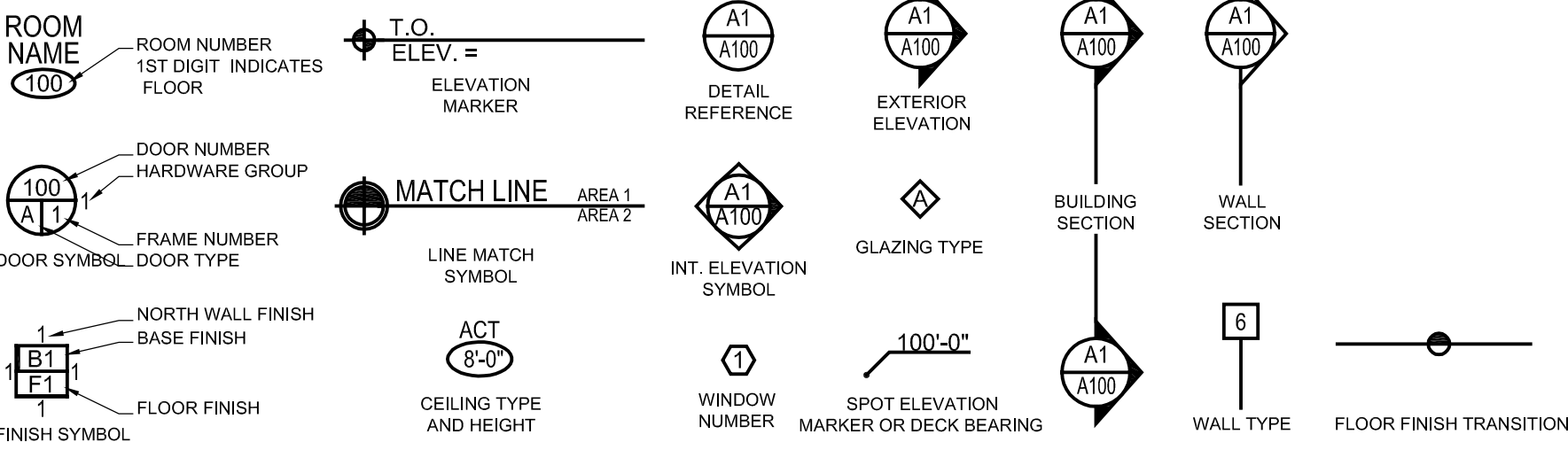
VINCINITY MAP



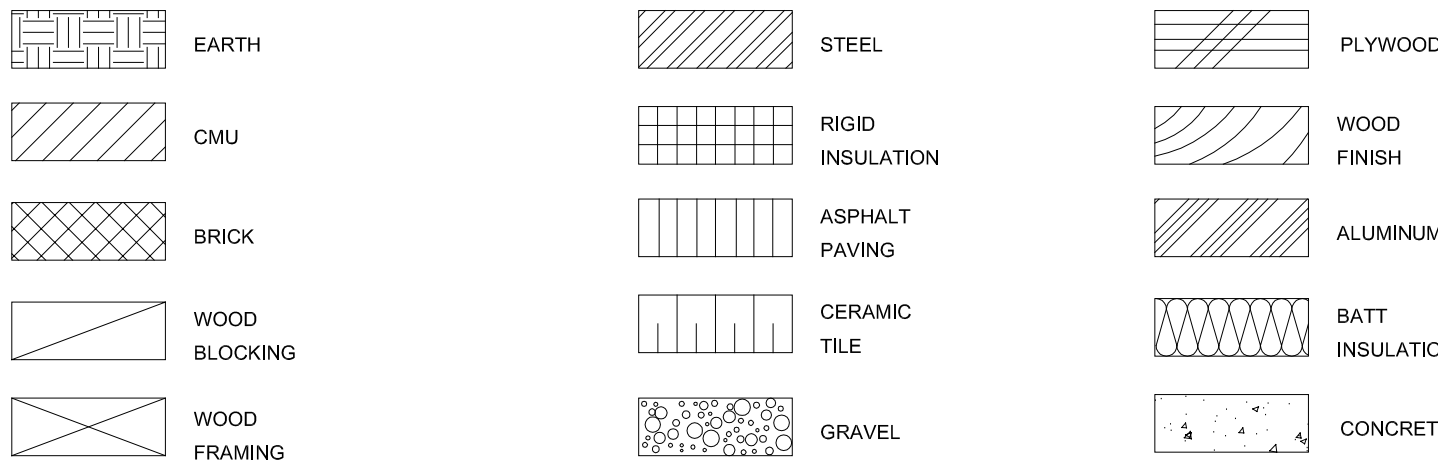
OVERALL SITE PLAN



SYMBOL LEGEND



GRAPHIC SYMBOLS



DRAWING INDEX

**GENERAL**  
GI101 GENERAL INFORMATION

**ARCHITECTURAL**

AD101 DEMOLITION PLAN  
AE001 SITE PLAN  
AE101 FLOOR PLAN  
AE102 ROOF PLAN  
AE111 REFLECTED CEILING PLAN  
AE201 BUILDING ELEVATIONS  
AE301 BUILDING SECTIONS  
AE601 DETAILS

**STRUCTURAL**

SE001 STRUCTURAL GENERAL NOTES  
SE101 FOOTING AND ROOF FRAMING PLAN  
SE301 STRUCTURAL SECTIONS  
SE501 STRUCTURAL DETAILS

**MECHANICAL**

ME001 MECHANICAL SYMBOLS, NOTES AND INDEX  
ME501 MECHANICAL SCHEDULES  
ME601 MECHANICAL SCHEDULE  
MH101 MECHANICAL PLAN  
PD101 PLUMBING DEMO PLAN  
PP101 PLUMBING PLAN

**ELECTRICAL**

EG001 ELECTRICAL SYMBOLS, SCHEDULES, NOTES  
EX101 LIGHTING PLAN AND POWER PLAN

NOTE: THE SHEETS LISTED ABOVE REPRESENT A FULL SET OF CONSTRUCTION DOCUMENTS AND INCLUDE A DETAIL BOOK AND A PROJECT MANUAL AND SHALL NOT BE SEPERATED. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR REVIEWING ALL THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO DRAWINGS, DETAILS, PROJECT MANUAL, SPECIFICATIONS AND ANY AND ALL ADDENDA ISSUED.

UTAH VALLEY STATE COLLEGE  
STUDENT CENTER ADDITION  
Orem, Utah

DFCM PROJECT # 08217790

CONSTRUCTION DOCUMENTS  
JUNE 2, 2008



**State of Utah**  
Department of Administrative Services

Division of Facilities  
Construction & Management  
4110 State Office Building  
Salt Lake City, Utah 84114  
Phone: (801) 538 - 3018  
Fax: (801) 538 - 3267

All Roofing material manufacturers are required to meet or exceed the manufacturing UL assembly # as outlined in the Underwriters Laboratories, Inc. Roofing Materials and Systems Directory Book

**Carlisle Syntec Incorporated**  
1285 Ritner Hwy PO Box 7000  
Carlisle, PA 17013

UL R8103  
EPDM, 60 Mil

**Firestone Building Products Co.**  
1st FL 310 E 96th St.  
Indianapolis, IN 46240

UL R9516  
EPDM, 60 Mil

Please note: All Other manufacturers will be reviewed for approval prior to bid. All UL manufacturer assembly criteria must be provided to the architect or owner for review and approval prior to bidding.

ALTERNATES

ALTERNATE 1: ADD WINDOW "C" AND "D" - SEE FLOOR PLAN BASE BID INCLUDES A PAINTED GYP. BOARD WALL

APPROVALS

Prime Agency \_\_\_\_\_ Date \_\_\_\_\_

DFCM \_\_\_\_\_ Date \_\_\_\_\_

APPROVAL DOES NOT RELIEVE A/E OF DESIGN LIABILITY

UVSC - STUDENT  
CENTER ADDITION  
OREM, UTAH  
CONSTRUCTION DOCUMENTS

Revision # Date

Axis Job # **0721**  
Owner # **6-2-2008**  
Date  
Drawn  
Checked

GENERAL INFORMATION

GI101

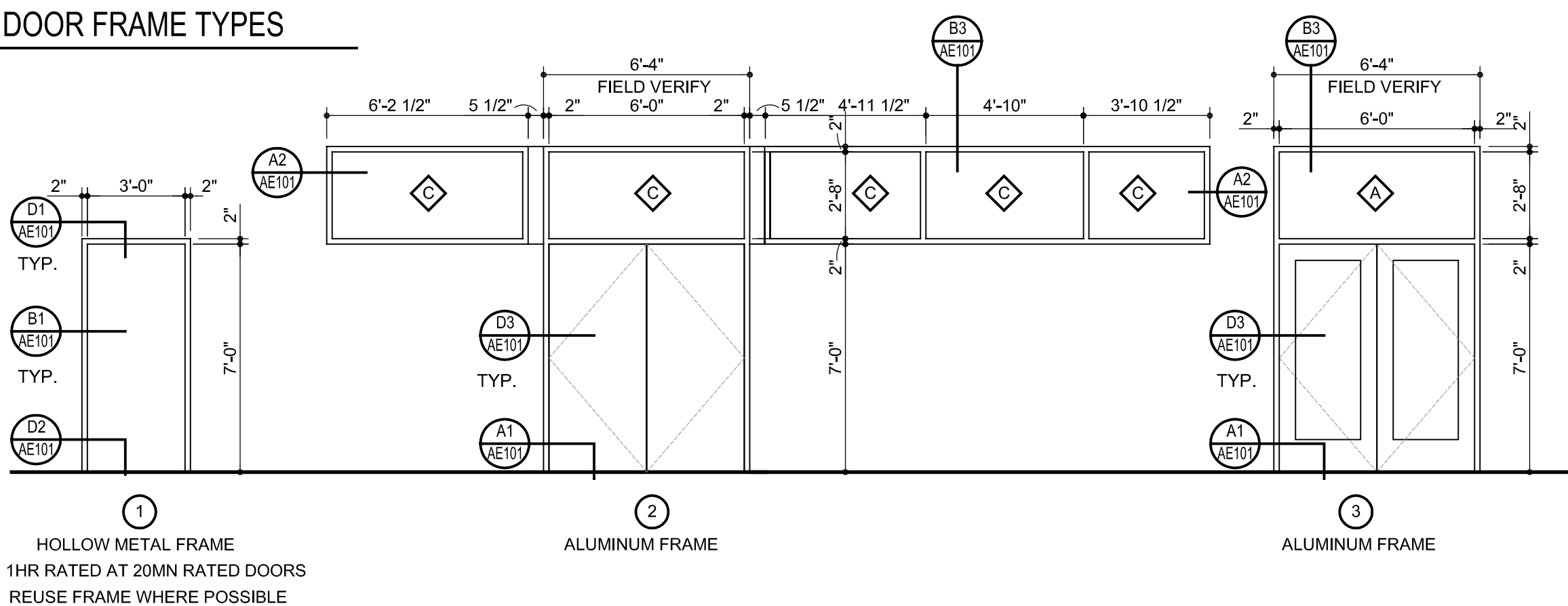


Axis Architects

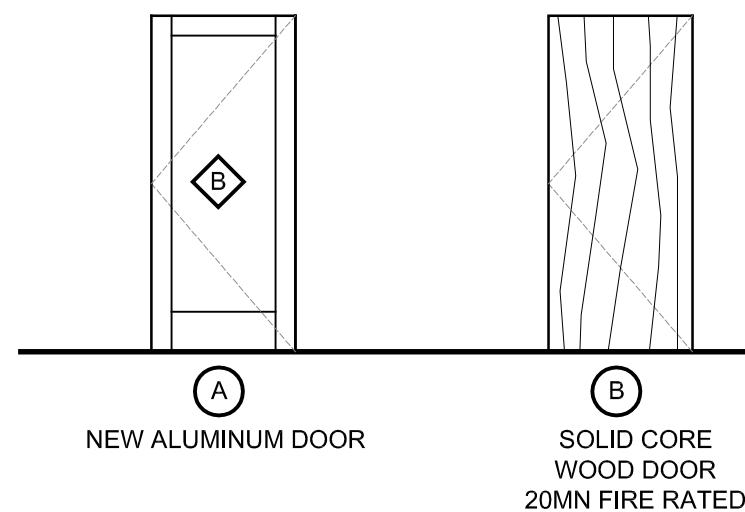
352 SOUTH DENVER STREET (440 E.) SALT LAKE CITY UTAH 84111 P 355-3003 F 355-0113

P:\07070721-UFCA\UVSC-Student Center Remodel\CD\AE601.dwg, 6/18/2008 8:52:30 PM, By: [redacted]  
Axis Architects, 10/2/2008, 1:1

## DOOR FRAME TYPES



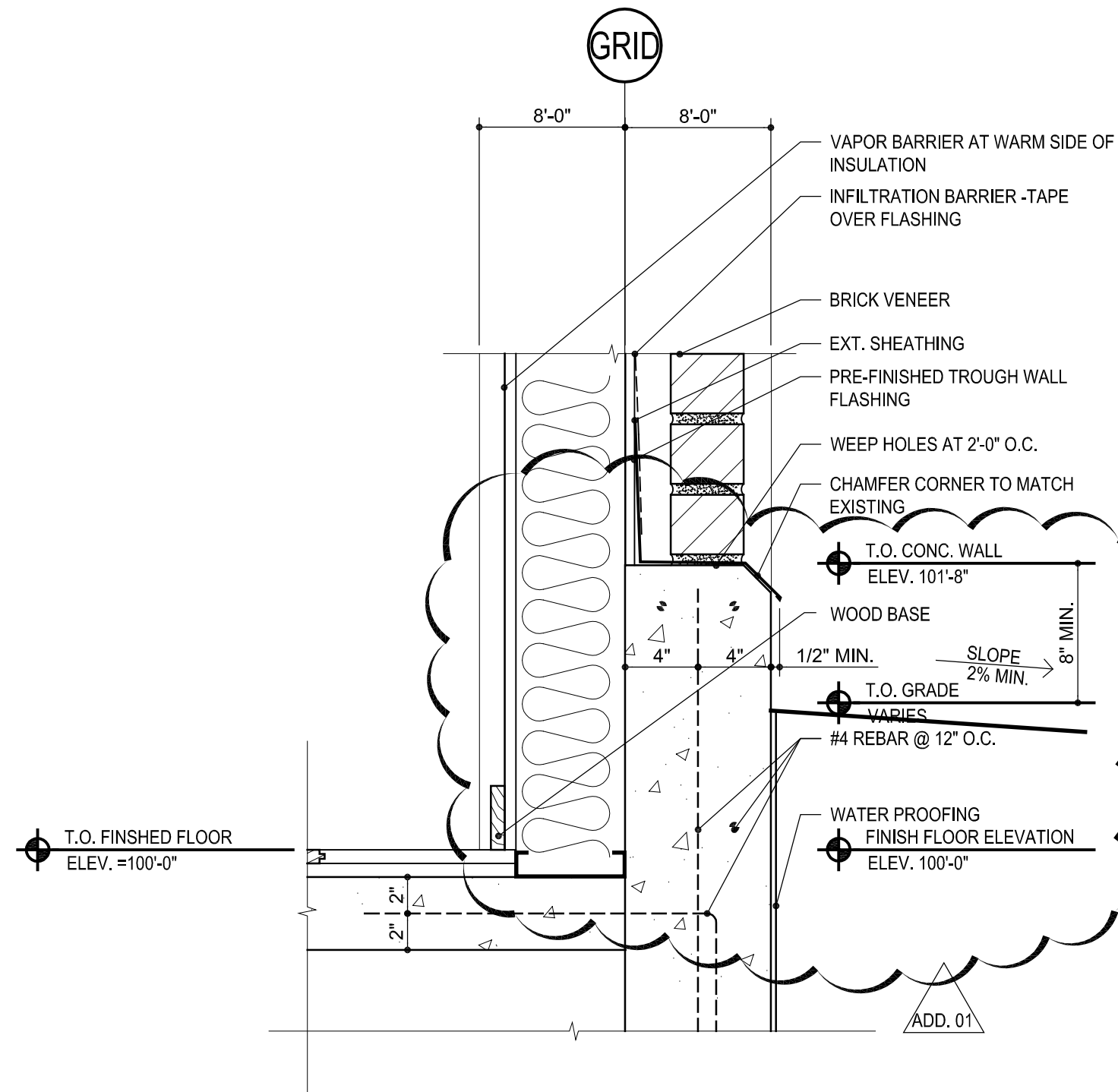
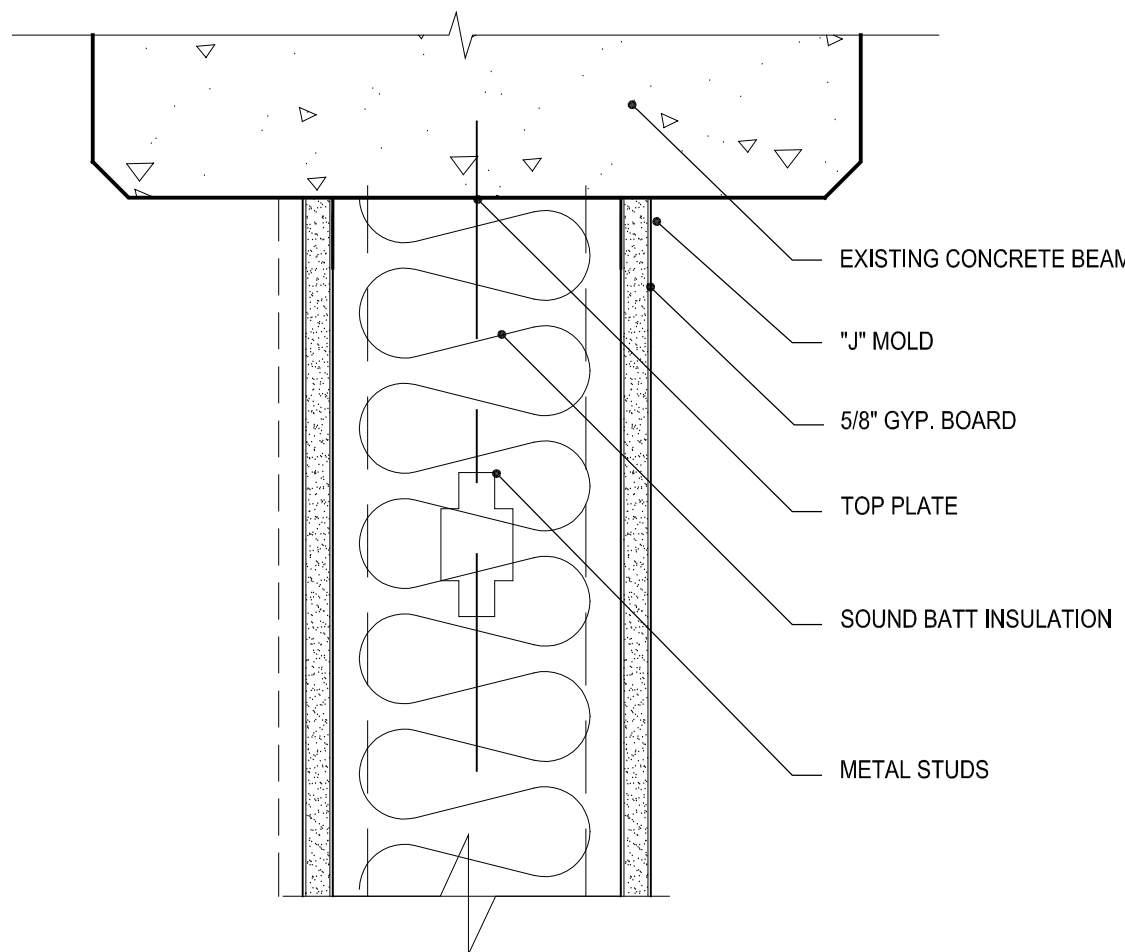
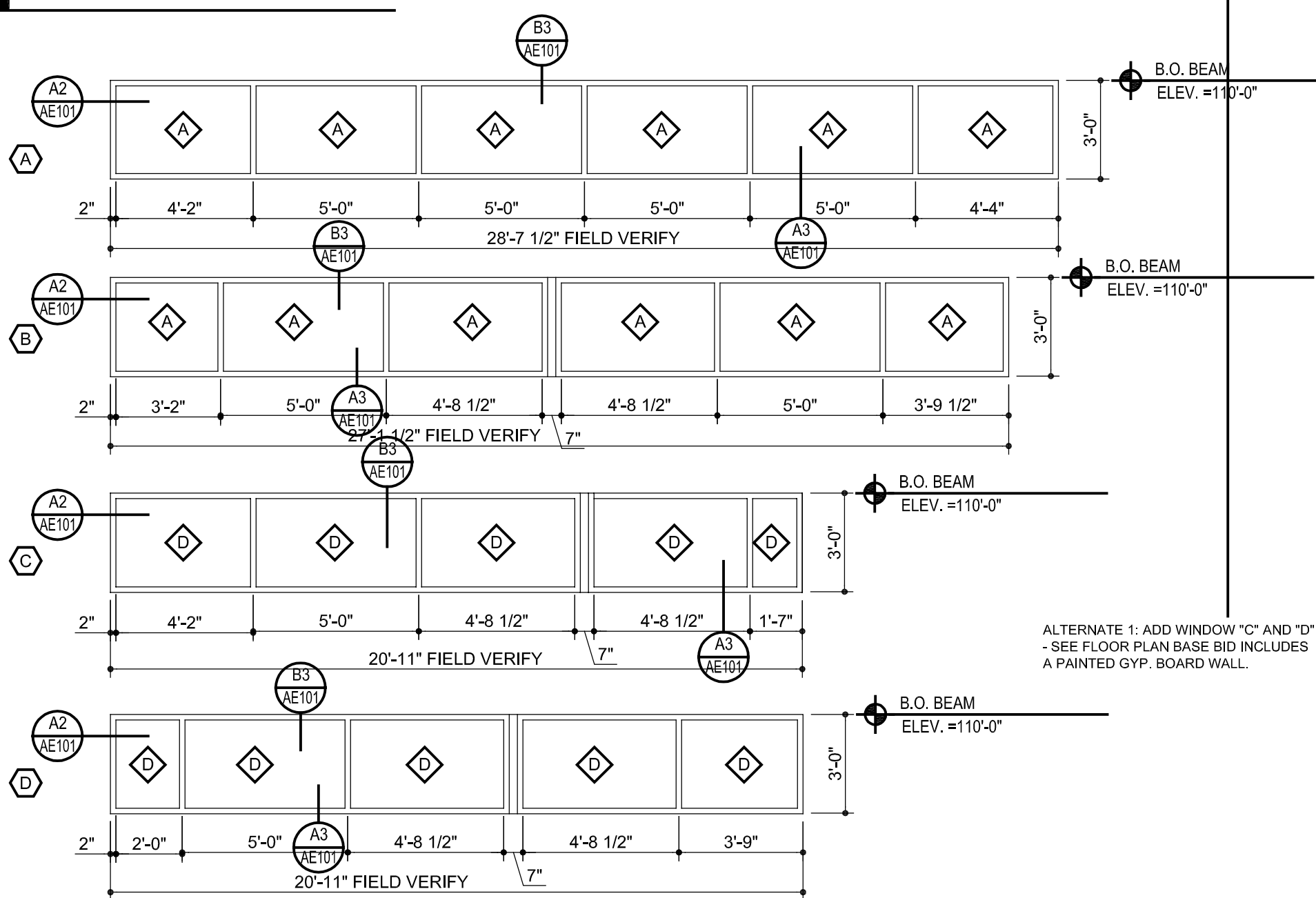
## DOOR TYPES



## FINISH LEGEND

- WALL:**
1. PAINT COLOR 1
  2. PAINT COLOR 2
  3. PAINT TO MATCH EXIST
- FLOOR:**
- F1 CARPET
  - F2 SEALED CONC.
  - F3 WOOD
- BASE:**
- B1 RUBBER BASE
  - B2 WOOD BASE
  - B3
1. MATERIALS IN SIMILAR LOCATIONS ARE NOT KEYNOTED AT EVERY OCCURRENCE.
2. PROVIDE CONCRETE MOISTURE SEALER. ALL AREAS TO RECEIVE A FLOWERING FINISH MATERIAL.

## WINDOW TYPES - ALUMINUM STORE FRONT



## NOTES

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION
2. SEE DETAILS IN-SERIE FOR SIGNAGE
3. MATERIALS IN SIMILAR LOCATIONS ARE NOT KEYNOTED AT EVERY OCCURRENCE.
4. ALL EXISTING DOORS & FRAMES TO BE PREPPED, HOLES REPAIRED, AND PAINTED
5. REFER TO ADA REQUIREMENTS FOR MOUNTING HEIGHTS, ETC. FOR FIXTURES - COORD. W/ MECH. AND ELECTRICAL.

## GLAZING SCHEDULE

- A. 1\"/>
- B. 1\"/>
- C. 1/4\"/>
- D. 45 MIN RATED GLASS

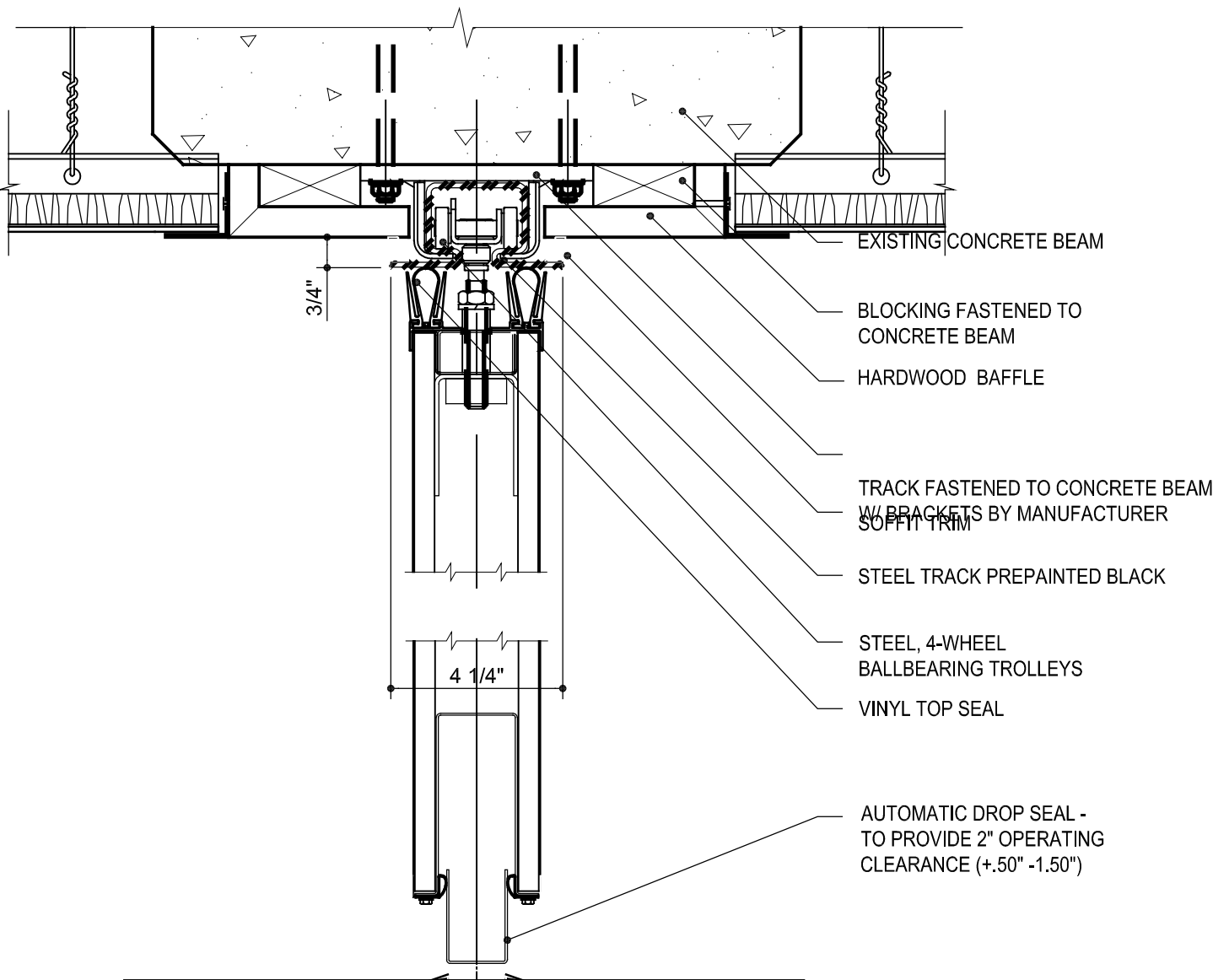
## NOTES

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO FABRICATION
2. SEE DETAILS IN-SERIE IN DETAIL BOOK
3. FILL AND COMPACT ALL DISTURBED SOIL.
4. PATCH, REPAIR, PREP, AND PAINT ALL INTERIOR SURFACES OF EXISTING WALLS.
5. REMOVE GLUE FROM EXISTING CONCRETE FLOOR AND PATCH, PREP, AS NECESSARY FOR INSTALLATION OF NEW VCT.
6. PROVIDE INTERIOR HORIZONTAL LOUVER BLINDS ON ALL EXTERIOR WINDOWS.

## WALL TYPES

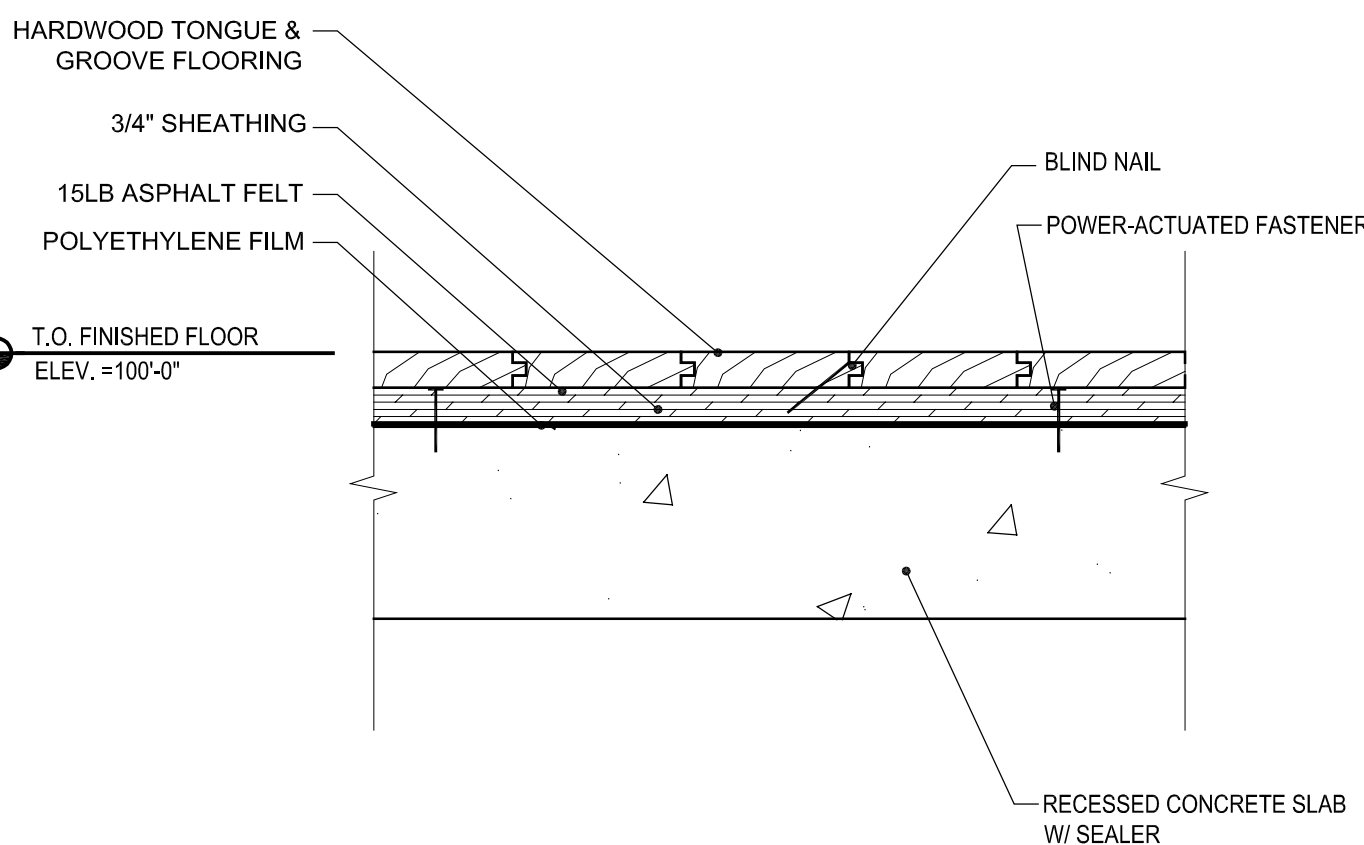
- EXISTING WALL TO REMAIN
- 2x4 STUD WALL EXTEND TO STRUCTURE. WALL WITH GYP. BOARD ON BOTH SIDES WITH SCHEDULED FINISH. EXTEND GYP. BOARD 6\"/>

- NOTE:
1. ALSO SEE NOTES ON FLOOR PLANS
  2. ADD INSULATION IN OFFICE AND RESTROOM PERIMETER WALLS.



## B3 WALL AT BEAM/ INFILL

SCALE: 3\"/>

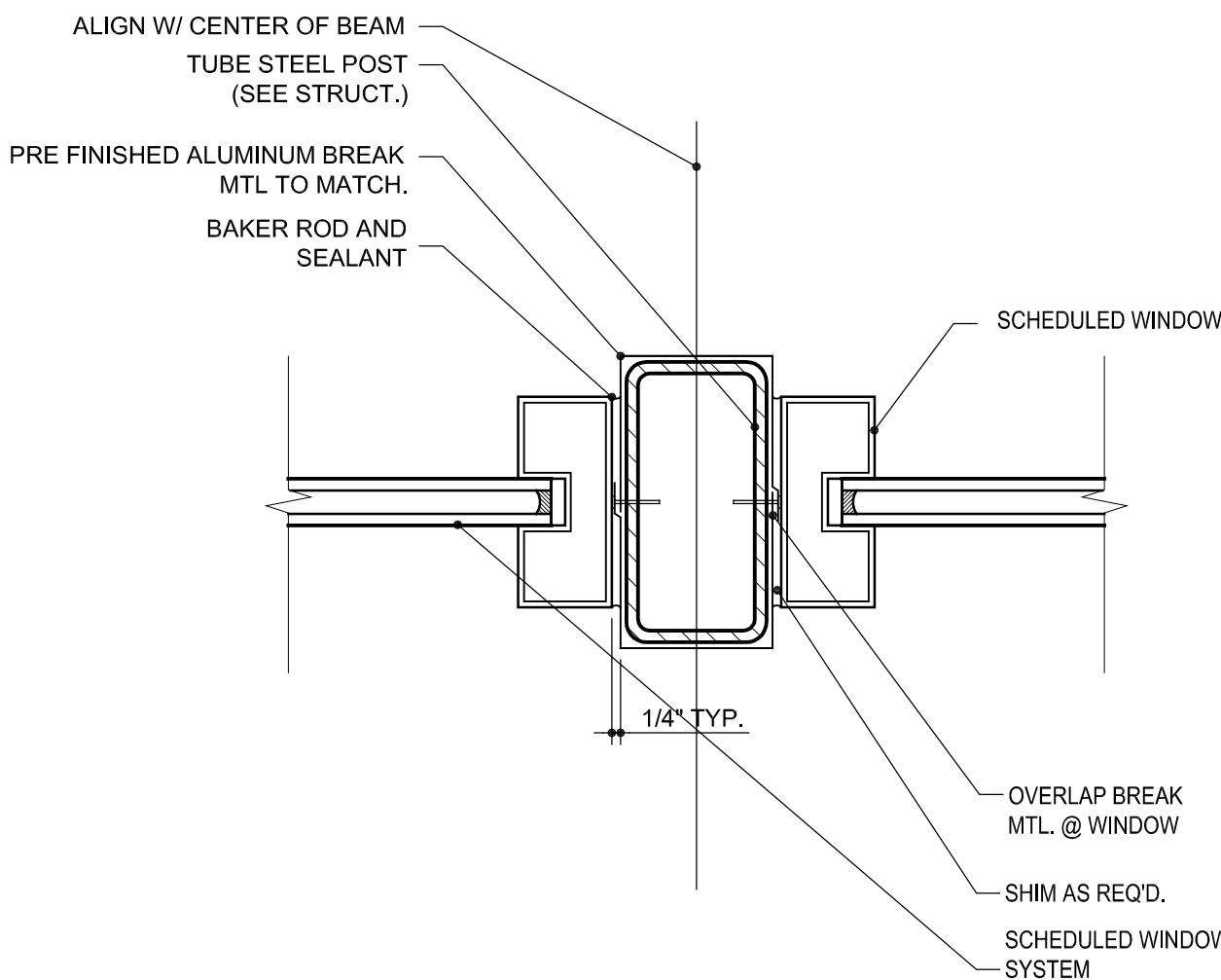


## A2 WOOD FLOOR DETAIL

SCALE: 3\"/>

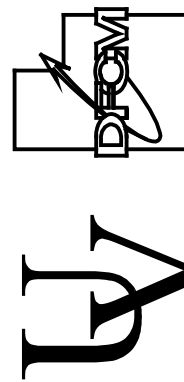
## C4 WALL SECTION DETAIL AT EXTERIOR

SCALE: 3\"/>



## A3 WRAPPED WINDOW AT VERT. SUPPORT

SCALE: 3\"/>



Axis Architects

UVSC - STUDENT  
CENTER ADDITION  
OREM, UTAH

CONSTRUCTION DOCUMENTS

Revision # Date

.....

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Owner #  
Date 6-2-2008  
Drawn  
Checked

DETAILS

AE601